

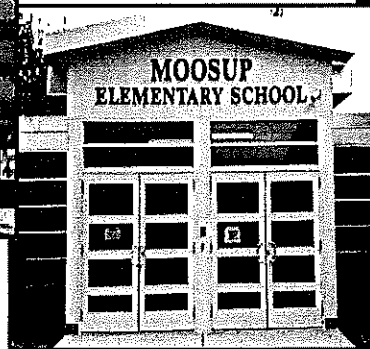
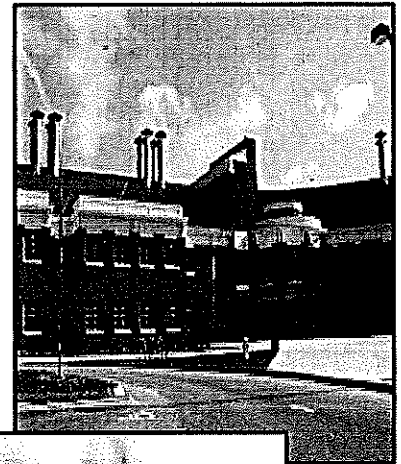
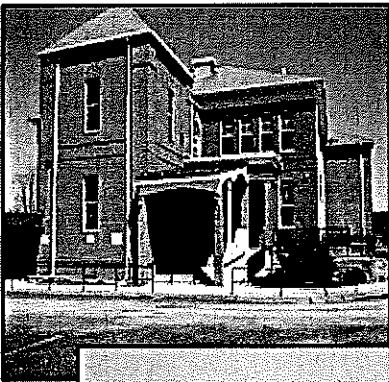
Plainfield Public Schools

Project: 2020 *Transition Plan*

A Capital Audit & *Improvement Plan*

Study Team

January, 2021
To
June, 2022



Plainfield Schools Project: 2020 Transition

Long-Range Facilities Study

A Capital Audit & Improvement Plan

Plainfield Schools Board of Education completed a Capital Improvement Plan for the years 2013 to 2020 identifying long-range plans generated by school leaders, staff, families and the community.

Project: 2020 provided the framework for determining the successive 5-Year Capital Plans that are submitted to the Town annually. As well, **Project: 2020** provided the focus for grant writing and annual Strategic goals. As we started the 2020/2021 school year the Board of Education commissioned another study team to audit and develop a new capital improvement plan that would extend another five years for the school system. Below are noted the plans and first efforts of that study team as well as the membership. However, the COVID-19 pandemic interrupted the study team efforts. And, with the announced retirement of the Superintendent, the Board of Education will review the **Project: 2020** achievements and remaining goals (unattained), in order to develop a 2-year transition capital plan while a new superintendent is appointed and the Long-Range Study team can be re-engaged. - KDP

The work of the Study Team will include the activities noted below.

1. Receive and review the information on each school facility relative to:
 - The Status Report and Achievements of Project 2020
 - Floor plans and usage capacity (maximum and optimal)
 - Historical and projected school enrollments to 2025
 - Technical data on the facility for State requirements
 - Identified improvements needed (based on a walkthrough)
 - Presentation by each school leader on additional needs or future plans

2. Review projected program improvements/changes as implications for possible capital improvements. This session will provide participants with information on potential regulations, requirements or researched-based program changes such as graduation by demonstration, technological advances, career education, augmentative devices to support diverse learners, and other ideas proposed by staff or team participants.

3. Consider all of the information provided in the developments of a recommended schedule of projects to include strategies to fund the prioritized improvements. Strategies may include but are not limited to:
 - Annualized budgeted improvements
 - State Aid for construction
 - Private funding/ Philanthropic funding
 - Capital fund raising campaign
 - Interest free bonding
 - Energy cost offsets and "greening"
 - Cost Consolidations
 - Other funding innovations

Project 2025 Study Team Participants

Initiated December, 2019

Christi Haskell, BOE Chair

Kathleen Barry, BOE Vice Chair

Michael Broughton, BOE Member

Kenneth R. Di Pietro, Superintendent

Kevin Cunningham, First Selectman (Invited)

Thomas Sinkewicz, BOF Chairman

Jeff, Bellevance, Fire Chief (Invited)

Janet Piezzo, PEA President (Invited)

Doreen Price, Paraprofessional Union V.P.

David Simonds, Custodian Union President

Scott Sugarman, Asst. Superintendent

Rena Cadro, Director of Curric, & Grants

Ronald Lussier, Business Manager

Dr. Christopher Bitgood, PHS Principal

Scott Gagnon, PCS Principal

William Nagel, MES Principal

Jan Volland, Athletic Director-PHS

Kylie Carbone, Westminster Tool

Robert Hayes, Lowes Representative (Invited)

Kevin Merchant, Jewett City Bank, CEO (Invited)

Senator Heather Somers

Daniel Sears, PBA (Invited)

Nelson Lemieux, Resident

Sherry Harmon, SHE PTO

Charlene Brodeur, MES PTO

Joy Broughton, PMS PTO

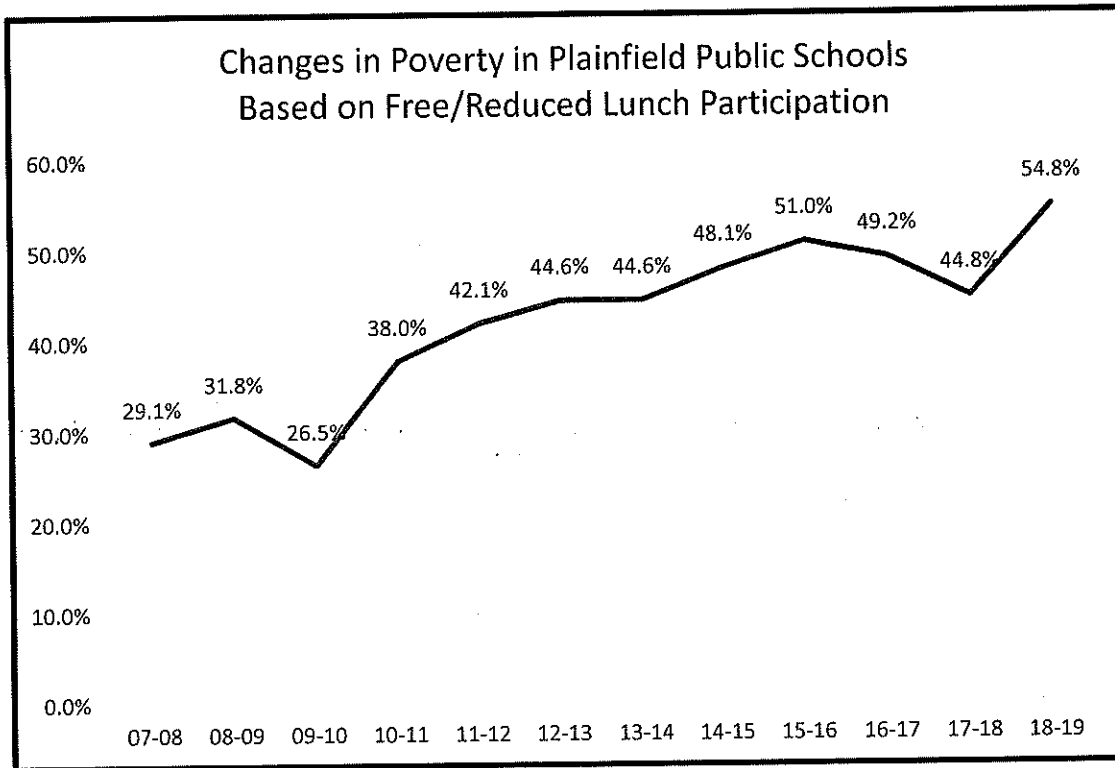
PCS PTO (Invited)

PHS Governance (Invited)

Plainfield Schools Project 2020 – Transition Plan

Long-Range Facilities Study

A Capital Audit & Improvement Plan

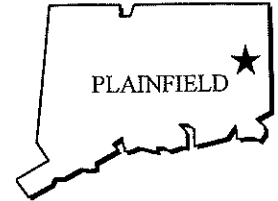


The data show a continual trend towards increased poverty to 2018/2019 but more recent data now shows a stabilization of the poverty trend.

Note: The COVID-19 pandemic disrupted public education in Plainfield from March, 2020, to June, 2021. It resulted in 400+ students/families electing to work remotely from home while another 120 students (up from 20) elected to home school. Plainfield school enrollment dropped from 2,140 in 2019/2020 to approximately 1,940 students due to homeschooling and a pattern of increased vocational enrollment. The school system purchased computers for all staff and all students to access instruction from school or home. As well, the need to move to remote instruction during escalating COVID cases suggests that there may be a need to address student learning recovery after July 1, 2021.



PLAINFIELD PUBLIC SCHOOLS



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Christi Haskell, BOE Chair

Kenneth R. Di Pietro, Superintendent

Plainfield Schools Project 2020 – Transition Plan

Long-Range Facilities Study
A Capital Audit & Improvement Plan

Summary Overview:

The attached appendix includes a summary report on the planned, completed and unattained projects identified in Project: 2020. Approximately 72 significant projects were identified and ranked from highly important - priority (5) to defined value - priority (1). Of the 72 identified priorities, fifty (50) projects were substantially or substantively addressed or achieved.

This Project: 2020 – Transition Plan, identifies the remaining projects that were not completed, or not fully achieved, or that may have increased priority due to new developments. Project: 2020 also called for an annual facilities review which included a walkthrough each building, a report of all completed upgrades to school facilities and recommendations by school leaders for new, annual capital priorities. These reports provide the basis for the Annual 5-Year Capital Plan submitted to the Town.

Also included in the appendix is a 5-year Capital Plan which is being provided to the Board of Education at its January 13, 2021 monthly meeting for adoption. The summary results of yet-to-be completed Project: 2020 projects (below), the proposed 5-Year Capital Plan and the Summary Report of the Project: 2020 achievements provide a framework for this Project: 2020 Transition Plan.

SUMMARY OF PROJECT: 2020 Yet-To-Be Completed Projects

<u>Roofing Projects:</u>	Completed Roofs: SHE, MES, PMS, PCS Roof Replacements Needed: ECC (21 years Old), PHS (16 Years Old)
<u>Heating System Replaced:</u>	<u>HVAC Replacement Needed:</u> SHE, MES, PMS, PCS – 1 st Priority <u>HVAC Replacement Needed:</u> ECC, PHS – 2 nd Priority (Working systems)
<u>Solar/LED Conversion:</u>	Completed LED Conversion: ECC, SHE, MES, PMS, PCS, PHS – not Audit. <u>LED Conversion Needed:</u> PHS Auditorium Completed Solar Install: SHE, MES <u>Solar Install Needed:</u> PMS, PCS, PHS
<u>Large Scale Projects:</u>	<u>PHS - Field House</u> (\$750,000) Hold for further discussion <u>PCS/PMS – Auditorium</u> (\$2.3 million) Hold for further discussion (Note: These high cost items need re-consideration for priority)

Technology Improvement: Completed Student 1:1 Technology Due to COVID Instruction
Completed Teacher 1:1 technology Due to COVID Instruction
Completed Para/Admin 1:1 technology Due to COVID Instruction

- Repair & Maintenance of Student Technology
- End-of-Life Technology Replacement: 5-7 year Cycle
- Wireless Infrastructure Upgrade Needed (Fiber, Servers, Bandwidth)
- Adaptive Technologies Based on Advancements and Student Needs
- Student/Parent Information Systems – Power School Conversion
- Smart Board Upgrades

ADA Compliance: Completed Designated ADA-Compliance Projects
PHS Compliance Report:

- Auditorium Listening System – Hearing Impaired
- Science Classrooms – Workstations Handicap Accessible
- Sp. Ed. Classroom – Frontload Washers
- Graphics/Tech. Ed. Operating Control/Switches – Handicap Access
- Gymnasium/Showers – Hand held spray, Grab bars, Etc. Handicap

Security & Safety: Door Replacements/Entrance: SHE, MES, PCS (All Schools)
Video Surveillance – All Schools
Asbestos Abatement – MES, SHE
Mold Abatement – SHE (Note – Gutters/Water Leaks at SHE Eyebrow)

Property Improvements: Parking Lot Improvements: SHE, MES, ECC
Outbuildings Requested: PHS, PCS, PMS, MES
PHS Track Re-Surfacing (\$250,000) Note: Consider 2% Set-Aside Funds
Drainage & Sewers: ECC, MES, PMS, PCS, PHS
Maintenance Vehicles – Replacement Cycle

Instruction/Co-Curricular: Playground Upgrades – Elementary Schools
World Language Experiential Centers (Labs)
STEM Labs/ Maker Space Centers: SHE, MES, PMS
Sports Facilities Improvements: PCS, PHS
Capstone & Electronic Portfolio – Graduation By Demonstration

NOTE: Please refer to the Appendix to review the many completed projects targeted by **Project: 2020**.
Project: 2020 provides cost references for many of the transition projects noted above.

Appendix

PROJECT: 2020 Long Range Capital Improvements Scheduling

<u>Roofing Projects</u>	<u>Ref. Cost</u>	<u>Priority (Low = 1)</u> <u>Rankings (High = 5)</u>	<u>Status</u>
Shepard Hill Elementary Roof (1992)	\$550,000	5	Completed Bond support
Moosup Elementary Roof (1992)	\$400,000	4	Completed State grant
Plainfield Memorial Roof (1992)	\$450,000	3	Completed 75% rebate
Plainfield Central Roof (1992)	\$450,000	3	Completed Paid off 6/20
Early Childhood Center Roof (2000)	\$140,000	2	
Plainfield High Roof (2005)	\$1,350,000	1	

<u>Long Term Cost Projects</u>	<u>Ref. Cost</u>	<u>Priority Rankings</u>	<u>Status</u>
Heating PCS (HVAC)	\$448,000	3	Underestimated Cost
Heating PMS (HVAC)	\$264,000	5	New Projection
Heating MES (HVAC)	\$264,000	5	\$5 million or more
Heating SHE (HVAC)	\$440,000	3	
Drainage MES	\$12,000	3	Partial
Drainage PMS/PCS	\$8,000	3	
Drainage PHS	\$8,000	3	
Communications SHE	\$7,000	2	Completed
Communications MES-P/A System	\$21,000	3	Completed
Communications PCS	\$15,000	3	Completed
ADA Door Open PHS (All)	\$25,000	5	New Compliance Received
Floor Replacement PMS	\$20,000	1	Completed Fire
Floor Replacement PCS	\$80,000	1	Completed
Computers - All schools	\$300,000	4	Completed State Grant
Storage Space - MES	\$15,000	2	Completed
Storage Space - PMS	\$15,000	2	Completed
Furniture Needs - PCS	\$45,000	3	Completed
Doors/Security SHE	\$10,000	5	Completed State Grant
Doors/Security MES	\$10,000	5	Completed State Grant
Doors/Security PCS	\$10,000	5	Completed State Grant
Walkways - MES	\$200,000	2	Completed
Walkways - PCS	\$200,000	2	Completed
Parking Lot - SHE	\$250,000	3	
Parking Lot - MES	\$250,000	5	Completed
Parking Lot- PCS	\$250,000	2	Completed
Out Bldgs/Sports SHE	\$10,000	2	Converted Fields
Out Bldgs/Sports MES	\$10,000	1	
Out Bldgs/Sports PMS	\$10,000	1	
Out Bldgs/Sports PCS	\$10,000	1	Gazebos Installed
Out Bldgs/Sports PHS	\$10,000	1	Completed
High School Track PHS	\$250,000	3	

Program Change Projects

	<u>Ref. Cost</u>	<u>Priority Rankings</u>				
Fiber - SHE	\$20,000	4			Completed	State Grant
Fiber - MES	\$20,000	4			Completed	State Grant
Fiber - ECC	\$10,000	5			Completed	State Grant
Wireless capacity at all schools	\$100,000	4			Completed	State Grant
Student Information System	\$75,000	4			Completed	Power School
Parent/Remote Data Access	\$25,000	4			Completed	
Teacher/Data Input Computers	\$150,000	4			Completed	Pandemic
Capstone Projects/Instr. Centers	\$200,000	3				
Instructional Laboratories	\$150,000	2			Completed	ADA needs
Adaptive Technologies	\$100,000	2			Completed	State Grant
W/In District Clinical Program	\$75,000	4			East Conn/Pathways**	
Extended School Year (ESY) (IEP's)	\$80,000	4			Completed	
Universal Access/Design	\$50,000	3				
Transportation Services*	\$170,000	3			Completed - Outsourced	
Career Education Program Costs	\$150,000	3			Partial - CNA, Manufact.	
World Languages (Middle School)	\$60,000	1			Completed/Partial	
Library E-Readers/Digital Systems	\$70,000	2			Completed	
Out Buildings - Storage - PHS	\$30,000	2			Completed	
Out Buildings - Storage - PCS/PMS	\$30,000	2			Completed	
Field House	\$750,000	2				
Sound Proof Gymnasium- PCS	\$30,000	5			Completed	Lowe's
Introduction of New Sports	\$50,000	2				
Playground SHE	\$20,000	2			Completed	
Playground MES	\$20,000	3			Completed/Partial	
Maintenance-Vehicles	\$90,000	2			Completed	
Universal Pre-K	\$75,000	4			Completed	State Grant
All Day Kindergarten	\$100,000	2			Completed	
PMS/PCS Auditorium	\$2,300,000	1				
TOTAL - All Improvements	\$11,807,000					

ADDITIONAL P:2020 Priorites

	<u>Ref. Cost</u>	<u>Priority Rankings</u>				
Energy Savings		3				
LED/All Schools		3			Completed	MES, SHE, PMS
Solar/Alternate/All Schools		3			Completed	MES & SHE
ECC Playgrounds		3			Completed	State Grants
School Security		4			Completed	State Grants
Mold Abatement		4			Partial	SHE Issue
Asbestos Abatement		4			Partial	MES

PLAINFIELD PUBLIC SCHOOLS

Roof Replacement Plan (In order of priority)

School	Construction Year	Replacement needed in...	Roof Count	Area (Square Feet)	Estimated Cost @ \$10 / sf
Shepard Hill Elementary	1992	1 year	6	55,000	\$550,000
Moosup Elementary School	1992 (last Renovation)	2 years	6	40,000	\$400,000
Plainfield Memorial School	1992 (last Renovation)	2 years	7	45,000	\$450,000
Plainfield Central School	1992 (last Renovation)	2 years	8	45,000	\$450,000
Early Childhood Center	2000	8 years	4	14,000	\$140,000
Plainfield High School	2005	13 years	16	135,000	\$1,350,000
Grand Total			47	334,000	\$3,340,000

PLAINFIELD PUBLIC SCHOOLS

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5 YEAR CAPITAL IMPROVEMENT PLAN						
Bud Pool	Description	Fiscal Year 2021-22	Fiscal Year 2022-23	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26
ECC	Roof Replacement		\$350,000			
ECC	Water Heater/HVAC	\$10,000	\$250,000			
ECC	Outbuildings (replacement)			\$16,000		
ECC	Floor Tile Replacement	\$24,000	\$24,000	\$24,000		
ECC	Parking Lot Resurface / Lining	\$50,000 ⁴		\$150,000	\$150,000	
MES	Replacement heaters		\$850,000 ¹			
MES	Parking lot (West lot - paving)		\$100,000			
MES	Electrical Upgrade		\$150,000			
MES	Carpet to Tile (partial 316 & 317) (Asbestos)	\$50,000 ⁴				
MES	Correction of drainage issues	\$12,000 ⁴				
MES	Cafeteria - tables/chairs			\$45,000		
MES	Perimeter fencing	\$50,000				
MES	Technology	\$25,000 ⁴	\$25,000	\$25,000	\$25,000	\$25,000
PCS	1st Floor screens and window stops					
PCS	Bathroom sinks (4)	\$10,000				
PCS	Replacement heaters	\$50,000 ¹	\$1,500,000 ¹			
PCS	Furniture needs		\$25,000		\$25,000	
PCS	Library carpet - replace	\$8,000				
PCS	Nurses office access from foyer					
PCS	Gymnasium sound proofing (additional)					
PCS	Outbuildings - storage	\$19,000				
PCS	Septic / Sewer Line repair	\$40,000 ⁴	\$30,000	\$30,000	\$30,000	\$30,000
PCS	Technology					

PLAINFIELD PUBLIC SCHOOLS

5 YEAR CAPITAL IMPROVEMENT PLAN

Bud Pool	Description	Fiscal Year 2021-22	Fiscal Year 2022-23	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26
PHS	Cafeteria - drainage	\$18,000				
PHS	ADA door openers/Compliance Upgrades	\$65,000 ⁴				
PHS	Technology - Capstone & Replacement	\$40,000 ⁴	\$25,000 ⁴			
PHS	Career Education Program costs	\$25,000	\$25,000			
PHS	Outbuildings - storage	\$15,000				
PHS	Sports Track	\$75,000 ⁴	\$250,000 ⁴			
PHS	Generator Wiring (Kitchen - Freezers/Refrigerators)	\$20,000				
PHS	Heating System - Boilers	\$250,000	\$300,000	\$65,000		
PHS	Tractor					
PHS	Fire Suppression Upgrade	\$25,000				
PHS	Roofing Upgrade	\$50,000				
PMS	2nd Floor screens and window stops					
PMS	Parking lot / Walkways		\$75,000			
PMS	Replacement heaters		\$850,000 ¹			
PMS	Outbuildings - storage		\$15,000			
PMS	Fire Suppression - Pump/Well Upgrade	\$15,000				
PMS	Gym Doors					
PMS	Technology	\$30,000 ⁴	\$30,000	\$30,000	\$30,000	\$30,000
SHE	Replacement heaters/HVAC		\$1,000,000 ¹			
SHE	Parking lot	\$25,000	\$25,000			
SHE	Carpet to Tile/Asbestos Removal	\$50,000				
SHE	Bathroom sinks	\$15,000				
SHE	Novar Climate Control	\$10,000				
SHE	Gutter / Roof repairs	\$25,000	\$150,000			
SHE	Technology	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
DISTRICT	Maintenance truck	\$48,000				
DISTRICT	Tractor with bucket Loader					
DISTRICT	Parent/Remote Access equipment (Portfolio)		\$30,000	\$30,000	\$30,000	\$30,000
DISTRICT	Teacher/Data input computers					
DISTRICT	Instructional Tech Centers	\$60,000 ⁴	\$50,000	\$50,000	\$50,000	\$25,000
DISTRICT	Adaptive technologies (Sp. Ed.)	\$25,000 ⁴	\$25,000	\$25,000	\$25,000	\$50,000
DISTRICT	W/in district clinical program facilities	\$50,000				
DISTRICT	Universal Access/Design (ADA)/Safety system	\$75,000		\$75,000		
TOTAL IMPROVEMENTS BY BOE		\$1,384,000	\$6,179,000	\$590,000	\$390,000	\$165,000

Note: 1) Costs marked '1' represent proposed bond referendum improvements

2) Costs marked with a '2' are included whole or in part in the FY22 operating plan.

3) HVAC/Heating Systems Upgrades are included in 2022/23 for possible Bond Referendum

4) Costs marked with a '4' are under consideration for the 2% set aside funds.